



BROOKHAVEN NATIONAL LABORATORY  
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Biology Department

February 3, 1986

Dr. Marvin A. Kastinbaum  
1817 Eye Street, N.W.  
Suite 800  
Washington, DC 20006

Dear Dr. Kastinbaum:

Symposium on  
Phenotypic Variation in Populations: Relevance  
to Risk Assessment  
Brookhaven National Laboratory, Upton, NY  
December 7-10, 1986

I was delighted to talk to you and to learn that you are interested in our Symposium. We plan to hold the meeting at Brookhaven National Laboratory on December 7-10, 1986. A copy of our program is enclosed. We are delighted that almost all of the speakers that we invited accepted our invitation and we look forward to an interesting and successful meeting.

I also enclose a brief resume of the scope and rationale behind our Symposium. The human race has enormous heterogeneity, and variability should be a vital dimension in any consideration of risk assessment. Even so-called "normal" populations may show up to 30-fold variation in the level of particular enzymes, and it has been suggested that the young adult population may contain 10-20% hyperreactors, who are continually introduced into the workforce. The current methods of extrapolation in risk assessment, based upon converting the response of the median man, may be inadequate because they tend to ignore genetic variability. We feel that the topic is timely and we shall explore these ideas at our Symposium.

We have invited a number of distinguished speakers but we are also keenly interested in attracting young scientists and students to participate in our Symposium. We hope to attract these young scientists and students into the risk-assessment field at the start of their research careers--as future people and future effects are very important.

We are seeking funds to support the Symposium. We have applied to several agencies for monies, but it is unlikely they will provide full back-

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ing. At our last Biology Symposium, several companies most graciously sponsored speakers or student participants at the Symposium. The purpose of this letter is to see whether The Tobacco Research Institute might be willing to provide some support, which will, of course, be acknowledged in the program at the Symposium, and in the published volume that will appear within about six months after the Symposium. The sums of money entailed in such a sponsorship would be: student, \$600; speaker, \$1,000; or, should you decide to sponsor an entire session, \$5,000.

We do hope you will be able to offer some financial support. We know that management in industry is very concerned with its leadership responsibilities and has been working overtime to rethink health and environmental protection, and to develop appropriate approaches for complying with regulations. Please be assured that whether you sponsor us or not, you and your company representatives are cordially invited to attend the Symposium.

Yours sincerely,

*Avril D. Woodhead,*

Avril D. Woodhead, Chairperson  
For the Organizing Committee

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P.S.: I shall be delighted to have the newspaper cutting about the super job that your brother is doing. As I told you I made (and edited) videotapes of Drs. Edward Schneider (Director, National Institute on Aging), Alex Comfort and Lewis Thomas who spoke about the social and physiological problems of older people. These talks were excellent. Unfortunately our recording equipment is primitive so that the tapes are not up to the usual standard seen on TV. Nevertheless I think they should be aired as they contain a lot of good sense. I will write to your brother letting him know that they are available.